

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 August 2005 (11.08.2005)

PCT

(10) International Publication Number
WO 2005/073610 A1

(51) International Patent Classification⁷: **F16L 37/08,**
37/00

MN 48051 (US). HARTLE, Kevin, John [GB/GB]; 59
Belbroughton Road, Halesowen, West Midlands B63 4LS
(GB).

(21) International Application Number:

PCT/GB2005/000342

(74) Agents: HAMMERSLEY, John et al.; Harrison Goddard Foote, Orlando House, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB).

(22) International Filing Date: 2 February 2005 (02.02.2005)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

English

(26) Publication Language: English

English

(30) Priority Data:

0402206.7 2 February 2004 (02.02.2004) GB

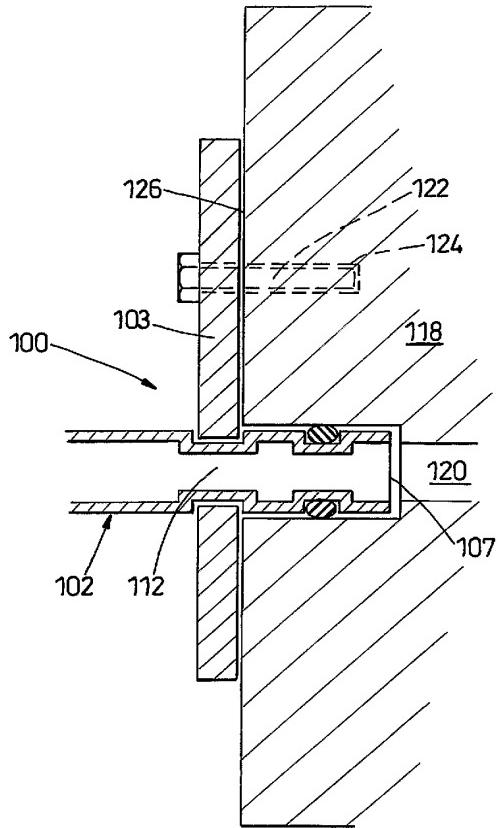
(71) Applicant (for all designated States except US): EATON CORPORATION [US/US]; Eaton Center, 1111 Superior Avenue, Cleveland, OH 44114-2584 (US).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(52) Inventors; and

(75) Inventors/Applicants (for US only): DOOLEY, John, Michael [GB/GB]; 28955 Oakmont Drive, Chesterfield,



(57) Abstract: A method and structure for retaining a tube (102) in place relative to a surface (126) of a device (118), such as a motor or pump, for fluid communication there-between. The tube retainer (100) comprises a tube having a retention groove, disposed adjacent an open end (107) thereof, and a holding clamp (103) having a slot (112) which is engageable with the retention groove. The holding clamp further comprises a bolt hole for receiving a threaded bolt (122) for engaging a threaded bore (124) in the device to attach the holding clamp thereto, thereby holding and retaining the tube relative to the surface of the device.

WO 2005/073610 A1



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*